# BEFORE THE PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA

#### **DOCKET NO. 2014-7-G**

In the Matter Of	)
	)
Application of Piedmont Natural Gas Company,	) NOTICE OF FILING OF QUARTERLY
Inc. to Have the Terms of the Natural Gas Rate	) MONITORING REPORT AND
Stabilization Act Apply to the Company's Rates	PROPOSED RATE CHANGES
and Charges for Gas Distribution Services	)

Piedmont Natural Gas Company, Inc. ("Piedmont"), through counsel and pursuant to Sections 58-5-430 and 58-5-440 of the South Carolina Natural Gas Rate Stabilization Act ("Act"), hereby submits (1) its quarterly monitoring report for the twelve-month period ending March 31, 2014, and (2) the required revenue deficiency calculations and proposed changes to its tariff rates necessary to permit Piedmont the opportunity to earn the rate of return on common equity established in its last general rate case as specified in Section 58-5-420(1). Piedmont requests that the Public Service Commission of South Carolina ("Commission") review and accept the attached documents consistent with Sections 58-5-430 and 58-5-440 of the Act and issue an initial order approving the proposed rate changes set forth in this filing on or before October 15, 2014 in conformance with the procedures set forth in Section 58-5-455 of the Act.

In support of this filing, Piedmont respectfully shows unto the Commission as follows:

1. Any notices or other communications with respect to this matter should be sent to:

Jane Lewis-Raymond
Sr. Vice President and General Counsel
Piedmont Natural Gas Company, Inc.
P.O. Box 33068
Charlotte, North Carolina 28233
Telephone: (704) 731-4261

#### And

Scott M. Tyler
James H. Jeffries IV
Moore & Van Allen PLLC
Bank of America Corporate Center
100 North Tryon Street, Suite 4700
Charlotte, North Carolina 28202-4003
Telephone: (704) 331-2463

- 2. On April 25, 2005, Piedmont provided notice to the Commission of its election of the application of the terms of the Act to Piedmont's rates and charges for gas distribution services provided within the state of South Carolina. In conjunction with its election and as required by Sections 58-5-410 and 58-5-420, Piedmont requested that the Commission make findings and establish ongoing procedures as required to make prospective adjustments to Piedmont's base rates utilizing the rates, charges, revenues, expenses, capital structure, returns, and other matters established in Piedmont's most recent general rate proceeding in Docket No. 2002-63-G.
- 3. Consistent with its prior election for application of the Act to its rates and charges, and pursuant to the requirements of Section 58-5-430 of the Act, Piedmont has attached hereto various schedules constituting its quarterly monitoring report to the Commission for the twelve-month period ended March 31, 2014. In conformance with the requirements of Section 58-5-440 of the Act, Piedmont has also included in the schedules attached hereto the calculated revenue deficiency resulting from Piedmont's current rates. This deficiency results in a return on common equity under existing rates that is 83 basis points below that approved in Piedmont's last general rate case. The attached schedules also reflect proposed rate revisions, calculated in conformance with the rate allocation principles approved in Piedmont's last general rate case,

needed to return Piedmont's rate of return on common equity to the midpoint of the range specified by Section 58-5-420(1).

- 4. The Schedules attached hereto and incorporated herein by reference consist of the following:
  - (1) Present Rate Schedules are incorporated herein by reference as filed in GCRM-138 effective as of the first billing cycle in February, 2014;
  - (2) Present and Proposed Rate Schedules;
  - (3) Gas Plant at Original Cost;
  - (4) Depreciation Schedule;
  - (5) Materials and Supplies;
  - (6) Cash Working Capital;
  - (7) Net Operating Income and Return;
  - (8) Pro Forma Revenues;
  - (9) Proposed Revenues;
  - (10) WNA Factors.
- 5. The *pro forma* revenue calculations shown on Schedule (7) indicate that \$1,614,145 in additional margin is required to permit Piedmont the opportunity to earn a rate of return on equity equal to the approved rate of return on equity adopted in Docket No. 2002-63-G, Piedmont's last general rate case.
- 6. Based upon the calculations provided in Schedules 3 through 10, Piedmont proposes the changes to its tariff rates reflected in Schedule 2 hereto.
- 7. Consistent with the requirements of Sections 58-5-430 and 58-5-455, Piedmont is concurrently serving copies of this filing on the Office of Regulatory Staff, all parties of record

to this proceeding and any other interested party that has requested in writing to receive such filings.

WHEREFORE, Piedmont Natural Gas Company, Inc. respectfully requests that the Commission accept and review Piedmont's quarterly monitoring report for the twelve-month period ended March 31, 2014 and issue an Initial Order approving Piedmont's proposed rate adjustments on or before October 15, 2014.

Respectfully submitted, this the 12th day of June, 2014.

PIEDMONT NATURAL GAS COMPANY, INC.

s/ Scott M. Tyler Scott M. Tyler

OF COUNSEL:

Moore & Van Allen PLLC Bank of America Corporate Center 100 North Tryon Street, Suite 4700 Charlotte, North Carolina 28202-4003 (704) 331-2463

### STATE OF NORTH CAROLINA

### COUNTY OF MECKLENBURG

#### **VERIFICATION**

Jenny Furr, being duly sworn, deposes and says that she is Manager of Regulatory Reporting for Piedmont Natural Gas Company, Inc., that as such, she has read the foregoing Petition and knows the contents thereof; that the same are true of her own knowledge except as to those matters stated on information and belief and as to those she believes them to be true.

Jenny Furr

Mecklenburg County, North Carolina

Signed and sworn to before me this day by Jenny Furr

Date:

Sandra K. Hammond, Notary Public

Mecklenburg 90 VN7 V & Water Springs Commission Expires

My commission expires: August 4, 2018

#### CERTIFICATION

I, Thomas E. Skains and Karl W. Newlin, state and attest, under penalty of perjury, that the attached Quarterly Monitoring Report is filed on behalf of Piedmont Natural Gas Company, Inc. as required by the Public Service Commission of South Carolina; That I have reviewed said report and, in the exercise of due diligence, have made reasonable inquiry into the accuracy of the information and representations provided therein; and that, to the best of my knowledge, information and belief, all information contained therein is accurate and true and contains no false, fictitious, fraudulent or misleading statements; that no material information or fact has been knowingly omitted or misstated therein, and that all information contained therein has been prepared and presented in accordance with all applicable South Carolina general statutes, Commission rules and regulations, and applicable Commission Orders. Any violation of this Certification may result in the Commission initiating a formal earnings review proceeding.

Thomas E. Skains
President and CEO

5/30/14

Date Signed

Karl W. Newlin

Senior Vice President and CFO

Yun

744 30, 2014
Date Signed

Subscribed and Sworn to before me this

30th day of May , 2014.

Notary Public

My Commission Expires 6/16/15

COMMISSION EXPIRES OF A PUBLIC AND A PUBLIC

#### CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the attached Notice is being served this date via email and UPS Overnight delivery upon:

Florence Belser
Nanette S. Edwards
Carey Stites
Office of Regulatory Staff
1401 Main Street
Suite 900
Columbia, South Carolina 29201
fbelser@regstaff.sc.gov
nsedwar@regstaff.sc.gov
cstites@restraff.sc.gov

And that one copy of the attached Notice is being served this date via email or U.S. Mail addressed as follows:

Scott Elliott
South Carolina Energy Users Committee
Elliott & Elliott, P.A.
1508 Lady Street
Columbia, South Carolina 29201

David Carpenter
Vice President – Planning and Regulatory Affairs
Piedmont Natural Gas Company, Inc.
P.O. Box 33068
Charlotte, North Carolina 28233
david.carpenter@piedmontng.com

Pia Powers
Director - Regulatory Affairs
Piedmont Natural Gas Company, Inc.
P.O. Box 33068
Charlotte, North Carolina 28233
pia.powers@piedmontng.com

This the 12th day of June, 2014.

s/ Scott M. Tyler Scott M. Tyler

### Piedmont Natural Gas Company, Inc.

### Index to Schedules

### Period Ended March 31, 2014

SCHEDULE 1 -	Present Rate Schedules are incorporated herein by reference as filed in GCRM-138 effective as of the first billing cycle for February, 2014.
SCHEDULE 2 -	Present and Proposed Rate Schedules.
SCHEDULE 3 -	Gas Plant at Original Cost.
SCHEDULE 4 -	Depreciation Schedule.
SCHEDULE 5-	Materials and Supplies.
SCHEDULE 6 -	Cash Working Capital.
SCHEDULE 7 -	Net Operating Income and Return.
SCHEDULE 8 -	Pro Forma Revenues.
SCHEDULE 9 -	Proposed Revenues.
SCHEDULE 10 -	WNA Factors.

(Incorporated herein by reference as filed in GCRM-138 effective as of the first billing cycle for February, 2014)

South Carolina Rate Schedules:

lules:			Proposed
	Billing Rates	<u>Change</u>	Billing Rates
Residential Service - Value			
	10.00		10.00
	8.00	-	8.00
	0.86532	0.03084	0.89616
	0.82148	0.02868	0.85016
	10.00	_	10.00
		-	8.00
		(0.03972)	0.96402
			0.93563
		(,	
	\$15.00	_	15.00
, ,	Ψ13.00		
	22.00	_	22,00
, 0		(0.04030)	0.88223
		,	0.86312
` * * * * * * * * * * * * * * * * * * *	0.07403	(0.05151)	0.00512
	22.00		22.00
	22.00		22,00
	0.87950	(0.01772)	0.86178
			0.85404
	0.03730	(0.00552)	0.05 10 1
	0.80837	0.01321	0.82158
			0.81290
	0.70557	0.02333	0.01270
	75.00	_	75.00
		(0.04634)	0.82577
		,	0.80789
The state of the s	0.04170	(0.03387)	0,00707
	75.00		75.00
	75.00	-	75.00
	0.82262	(0.02121)	0.80141
			0.79145
	0.77717	(0.00772)	0.77143
	0.75385	0.01046	0.76431
			0.75629
	0.73029	0.02000	0.75029
	22.00		22.00
		0.00106	0.82704
			0.82704
			1.04207
			1.11408
Summer (AprOct.) per GGE.	1.11002	(0.00354)	1.11400
	Residential Service - Value Monthly Charge-winter Monthly Charge-summer Winter (NovMar.) per therm Summer (AprOct.) per therm Residential Service - Standard Monthly Charge-winter Monthly Charge-summer Winter (NovMar.) per therm Summer (AprOct.) per therm Summer (AprOct.) per therm Outdoor Gas Light Service Monthly Charge Small General Service-Standard Monthly Charge Winter (NovMar.) per therm Summer (AprOct.) per therm Small General Service-Value Monthly Charge Winter (NovMar.) per therm First 2,000 Over 2,000 Summer (AprOct.) per therm First 2,000 Over 2,000 Medium General Service-Standard Monthly Charge Winter (NovMar.) per therm Summer (AprOct.) per therm Summer (AprOct.) per therm Summer (AprOct.) per therm First 5,000 Over 5,000 Summer (AprOct.) per therm First 5,000 Over 5,000 Small General Service-Motor Fuel Monthly Charge Winter (NovMar.) per therm First 5,000 Over 5,000 Small General Service-Motor Fuel Monthly Charge Winter (NovMar.) per therm Summer (AprOct.) per therm	Residential Service - Value   Monthly Charge-winter   10.00   Monthly Charge-summer   8.00   Winter (NovMar.) per therm   0.86532   Summer (AprOct.) per therm   0.82148   Residential Service - Standard   Monthly Charge-winter   10.00   Monthly Charge-winter   10.00   Monthly Charge-summer   8.00   Winter (NovMar.) per therm   1.00374   Summer (AprOct.) per therm   0.99452   Outdoor Gas Light Service   Monthly Charge   \$15.00   Small General Service-Standard   Monthly Charge   \$15.00   Small General Service-Standard   Monthly Charge   22.00   Winter (NovMar.) per therm   0.92253   Summer (AprOct.) per therm   0.89463   Small General Service-Value   Monthly Charge   22.00   Winter (NovMar.) per therm   First 2,000   0.87950   Over 2,000   0.87950   Over 2,000   0.85936   Summer (AprOct.) per therm   First 2,000   0.8037   Over 2,000   0.78957   Medium General Service-Standard   Monthly Charge   75.00   Winter (NovMar.) per therm   0.87211   Summer (AprOct.) per therm   0.87211   Summer (AprOct.) per therm   0.84176   Medium General Service-Value   Monthly Charge   75.00   Winter (NovMar.) per therm   0.84176   Medium General Service-Value   Monthly Charge   75.00   0.75385   Over 5,000   0.75385	Residential Service - Value   Monthly Charge-winter   10.00

South Carolina Rate Schedules

outh Carc	lina			
ate Sched	lules:	Current		Proposed
		Billing Rates	<u>Change</u>	Billing Rates
203	Large General Sales Service			
	Monthly Charge	\$250.00	-	250.00
	Billing Demand per therm	1.79812	_	1.79812
	Winter (NovMar.) per therm			
	First 15,000	0.69426	(0.03370)	0.66056
	Next 15,000	0.61944	(0.02553)	0.59391
	Next 75,000	0.59840	(0.05352)	0.54488
	Next 165,000	0.49097	=	0.49097
	Next 330,000	0.43565	-	0.43565
	Over 600,000	0.40708	-	0.40708
	Summer (AprOct.) per therm			
	First 15,000	0.59091	(0.01437)	0.57654
	Next 15,000	0.53972	(0.01106)	0.52866
	Next 75,000	0.54856	(0.01867)	0.52989
	Next 165,000	0.47240	-	0.47240
	Next 330,000	0.43065	-	0.43065
	Over 600,000	0.40708	-	0.40708
204	Interruptible Sales Service			
	Monthly Charge	\$250.00	-	250.00
	Winter (NovMar.) per therm			
	First 15,000	0.81694	(0.12481)	0.69213
	Next 15,000	0.75217	(0.13856)	0.61361
	Next 75,000	0.69392	(0.11832)	0.57560
	Next 165,000	0.65796	(0.02895)	0.62901
	Next 330,000	0.56424	(0.08949)	0.47475
	Over 600,000	0.44708	-	0.44708
	Summer (AprOct.) per therm			
	First 15,000	0.61906	(0.04621)	0.57285
	Next 15,000	0.56861	(0.03841)	0.53020
	Next 75,000	0.54488	(0.03715)	0.50773
	Next 165,000	0.51289	(0.01096)	0.50193
	Next 330,000	0.46698	-	0.46698
	Over 600,000	0.41708	-	0.41708

South Carolina Rate Schedules

outh Card	olina				
ate Scheo	fules:	Current		Proposed	
		Billing Rates	Change	Billing Rates	
213	Large General Transportation Service				
	Monthly Charge	\$250.00	-	250.00	
	Standby Demand per therm	1.20161	-	1.20161	
	Billing Demand per therm	0.59651	-	0.59651	
	Winter (NovMar.) per therm				
	First 15,000	0.25104	(0.00710)	0.24394	
	Next 15,000	0.18353	(0.00512)	0.17841	
	Next 75,000	0.13732	(0.00465)	0.13267	
	Next 165,000	0.09091	(0.06876)	0.02215	
	Next 330,000	0.03590	-	0.03590	
	Over 600,000	0.00708	-	0.00708	
	Summer (AprOct.) per therm				
	First 15,000	0.18255	(0.01203)	0.17052	
	Next 15,000	0.13371	(0.01156)	0.12215	
	Next 75,000	0.10802	(0.01263)	0.09539	
	Next 165,000	0.07537	-	0.07537	
	Next 330,000	0.03065	•	0.03065	
	Over 600,000	0.00708	-	0.00708	
214	Interruptible Transportation Service				
	Monthly Charge	\$250.00	-	250.00	
	Winter (NovMar.) per therm				
	First 15,000	0.24999	(0.00665)	0.24334	
	Next 15,000	0.18210	(0.00440)	0.17770	
	Next 75,000	0.13272	(0.00213)	0.13059	
	Next 165,000	0.08393	(0.00072)	0.08321	
	Next 330,000	0.03706	(0.00065)	0.03641	
	Over 600,000	0.00708	-	0.00708	
	Summer (AprOct.) per therm				
	First 15,000	0.18144	(0.01099)	0.17045	
	Next 15,000	0.13082	(0.00771)	0.12311	
	Next 75,000	0.09902	(0.00446)	0.09456	
	Next 165,000	0.07547	(0.00172)	0.07375	
	Next 330,000	0.05081	-	0.05081	
	Over 600,000	0.00708	-	0.00708	

<sup>\*</sup>The rates convert 1.26 therms to 1 GGE.

### Schedule 3

# Piedmont Natural Gas Company, Inc. Original Cost of Property Used and Useful in Public Service in South Carolina March 31, 2014

Line <u>No.</u>	Title of Account	
1	Intangible Plant	\$ 146,199
2	Production Plant	0
3	Local Storage Plant	17,492,347
4	Transmission Plant	66,823,889
5	Distribution Plant	332,877,484
6	General Plant	34,882,128
7	Total	\$ 452,222,047

# Piedmont Natural Gas Company, Inc. South Carolina Operations Accumulated Depreciation, Depreciation Policy and Rates March 31, 2014

### Accumulated Depreciation

Per books as of March 31, 2014

\$191,834,401

### **Depreciation Policy**

Piedmont computes depreciation expense monthly using the straight-line method applied to end-of-the-month depreciable costs.

The Company is booking depreciation expense at the depreciation rates recommended in a depreciation study performed as of 2009. These depreciation rates were approved as a result of the Commission's findings in Docket No. 2011-7-G, Order No. 2011-741.

Piedmont allocates depreciation expense on the LNG plants located in North Carolina between South Carolina and North Carolina on the basis of design-day demand during the test period. We allocate depreciation expense on other jointly-used property between South Carolina, North Carolina and Tennessee or between South Carolina and North Carolina only, on the basis of net plant depending upon the actual usage of the property.

Piedmont computes depreciation expense on transportation equipment over estimated useful lives after deducting from the original cost an estimated salvage value of 20% for passenger cars, trucks and heavy equipment.

### **Depreciation Rates**

Based on plant in service as of March 31, 2014, the current composite depreciation rates are:

Intangible Plant	0.00%
Production Plant	0.00%
Local Storage Plant	1.92%
Transmission Plant	1.83%
Distribution Plant	2.68%
General Plant	5.29%

# Piedmont Natural Gas Company, Inc. South Carolina Operations Average Materials and Supplies March 31, 2014

Line No.		
1	Operating and Construction Supplies (a)	\$ 278,311
2	Natural Gas Stored (b)	 10,102,917
3	Total	\$ 10,381,228

- (a) Includes Materials Distribution Center inventory allocated to South Carolina on the ratio of South Carolina net plant before joint property to total net plant before joint property as of October 31, 2013 (8.28% to SC).
- (b) Allocated to South Carolina on the basis of design day in South Carolina and North Carolina. (14.92% to SC).

# Piedmont Natural Gas Company, Inc. South Carolina Operations Cash Working Capital March 31, 2014

Line <u>No.</u>		
1	One-Eighth (12.5%) of Operations and Maintenance Expenses	\$ 3,337,563
2	Prepayments (a)	359,230
3	Average Tax Accruals (deduct)	(150,279)
4	Total	\$ 3,546,514

(a) Allocated to South Carolina on the ratio of South Carolina net plant before joint property to total net plant before joint property as of March 31, 2014 (8.00% to SC).

Schedule 7 Page 1 of 5

Sou	dmont Natural Gas Company, Inc. th Carolina Operations	(1)	(2)	(3) After	(4)	(5)	(6) After Adjustments
	lated Net Operating Income and Rate of Return The Twelve Months Ended March 31, 2014	Per <u>Filing</u>	Accounting and Pro Forma <u>Adjustments</u>	Accounting and Pro Forma Adjustments	Adjustments for Proposed <u>Margin</u>	Adjustments for Demand Costs	for Proposed Rates
1 2	Operating Revenues Sales and Transportation of Gas Other Operating Revenues	\$ 159,340,480 940,479	\$ (8,487,899) (1) 	\$150,852,581 940,479	\$ 1,614,145 	(10) \$ (4,234,915)	(16) \$148,231,811 940,479
3	Total Operating Revenues	\$ 160,280,959	\$ (8,487,899)	\$ 151,793,060	\$ 1,614,145	\$ (4,234,915)	\$ 149,172,290
4 5 6 7 8 9	Operating Expenses Cost of Gas Operations and Maintenance Depreciation General Taxes State Income Taxes Federal Income Taxes Amortization of Investment Tax Credits	\$ 89,093,699 26,700,507 11,419,378 6,131,979 1,417,562 7,086,117 (26,061)	\$ (7,814,048) (2) (1,747,882) (3) 759,681 (4) (133,488) (5) (289,830) (6) 390,500 (7)	24,952,625 12,179,059 5,998,491 1,127,732	\$ - 3,271 - 8,384 80,124 532,828	\$ (4,204,335) (11) (8,582) (12) (21,998) (13) - (14) -	(18) 24,947,314 12,179,059
11	Total Operating Expenses	\$ 141,823,179	\$ (8,835,066)	\$ 132,988,113	\$ 624,607	\$ (4,234,915)	\$ 129,377,805
12 13 14 15	Net Operating Income Interest on Customers' Deposits Amortization of Debt Redemption Premium Allowance for Funds Used During Construction	\$ 18,457,780 (103,506) - 396,070	\$ 347,167 - - -	\$ 18,804,947 (103,506) - 396,070	\$ 989,538 - - -	\$ - - -	\$ 19,794,485 (103,506) - 396,070
16	Customer Growth	132,896	2,500_(8)		7,125	(15)	142,520
17	Net Operating Income for Return	\$ 18,883,240	\$ 349,666	\$ 19,232,906	\$ 996,663	\$ -	\$ 20,229,569
18 19	Original Cost Rate Base Plant in Service Accumulated Depreciation	\$ 452,222,047 (191,834,401)	\$ - -	\$ 452,222,047 (191,834,401)			\$ 452,222,047 (191,834,401)
20	Net Plant in Service Add:	\$ 260,387,646	\$ -	\$ 260,387,646			\$ 260,387,646
21 22 23	Construction Work in Progress Materials and Supplies Cash Working Capital Deduct:	9,192,186 10,381,228 3,546,514	(218,485) (	9,192,186 10,381,228 (9) 3,328,029			9,192,186 10,381,228 3,328,029
24 25 26 27	Customers' Advances Customers' Deposits Accumulated Deferred Income Taxes Unclaimed Funds	3,001,089 62,205,284 68,189	-	3,001,089 62,205,284 68,189			3,001,089 62,205,284 68,189
28	Original Cost Rate Base	\$ 218,233,012	\$ (218,485)	\$ 218,014,527			\$ 218,014,527
29	Rate of Return On Original Cost Rate Base	8.65%		8.82%			9.28%

		(1)	(	2)	(3)	(4)	(5)		(6)	(7)	(8)	(9)
South	nont Natural Gas Company, Inc. Carolina Operations						After Acco	untin	g and Pro Forma	Adjustments		
Cost	n on Common Equity and Original Net Investment <u>ne Twelve Months Ended March 31, 2014</u>	Per Books	and Pro	unting o Forma t <u>ments</u>	Adjusted <u>Capitalization</u>	<u>Ratio</u>	Agreed to Ratio		Cost Net Investment	Embedded <u>Cost</u>	Overall Cost Rate	Net Operating Income
1	Long-Term Debt	\$ 1,161,467,879	\$	-	\$ 1,161,467,879	46.21%	45.00%	\$	98,106,537	5.22%	2.35%	\$5,121,161
2	Common Equity	1,352,126,326		-	1,352,126,326	53.79%	55.00%	_	119,907,990	11.77%	6.47%	14,111,745
3	Total	\$ 2,513,594,205	\$		\$ 2,513,594,205	100.00%	100.00%	\$	218,014,527		8.82%	\$19,232,906

(10)	(11)		(12)
After Ad	ljustments for Pr	opose	d Rates
Embedded	Overall	N	et Operating
Cost %	Cost Rate %		Income
5.22%	2.35%	\$	5,121,161
12.60%	6.93%		15,108,407
	9.28%	\$	20,229,568

# Piedmont Natural Gas Company, Inc. South Carolina Operations Accounting and Pro Forma Adjustments For The Twelve Months Ended March 31, 2014

Line <u>No.</u>		
1	Operating Revenues - Sale and Transportation of Gas To decrease revenues to the going-level basis.	\$ (8,487,899)
2	Cost of Gas To decrease cost of gas to the going-level basis.	\$ (7,814,048)
	To increase expenses for the long-term incentive plan. To decrease expenses for the short-term incentive plan. To decrease expenses for the MVP incentive plan. To increase expenses for group insurance for projected costs. To increase expense for amortization of early retirement incentive. To decrease expenses for the South Carolina assessment fee. To decrease expenses for non-allowables for ratemaking purposes. To decrease expenses for amortization of SC Environmental Expense	\$ (188,964) 44,175 (474,205) (239,518) (24,143) 170,831 (234,579) (192,360) 1,799 108,574 (16,993) (153,904) (64,975) (483,620)
4	<u>Depreciation Expense</u> To increase depreciation expense to the going-level basis using the most current depreciation study rates.	\$ 759,681
5 ,		\$ (89,399) (44,089)
	Total	\$ (133,488)

### Piedmont Natural Gas Company, Inc. South Carolina Operations Accounting and Pro Forma Adjustments For The Twelve Months Ended March 31, 2014

Line <u>No.</u>		
6	State Income Taxes To decrease state income taxes (rate of 5%) to reflect the impact on income after accounting and pro forma adjustments.	\$ (289,830)
7	Federal Income Taxes To increase federal income taxes (rate of 35%) to reflect the impact on income after accounting and pro forma adjustments.	\$ 390,500
8	Customer Growth  To increase net operating income to reflect anticipated customer growth (rate of .72%) following the adjustments to operating revenues and expenses.	\$ 2,500
9	Cash Working Capital To decrease cash working capital following the pro forma adjustments to operations and maintenance expenses (rate of 12.5%).	\$ (218,485)
10	Operating Revenues - Sale and Transportation of Gas To increase revenue requirement for the sale and transportation of gas for the proposed margin increase.	\$ 1,614,145
11	Operations and Maintenance Expenses To increase the provision for uncollectible accounts (rate of .20266%) following the adjustment to operating revenues.	\$ 3,271
12	General Taxes To adjust franchise taxes (rate of .3%) and gross receipts tax (rate of .219435%) for the proposed margin increase.	\$ 8,384
13	State Income Taxes To increase state income taxes (rate of 5%) to reflect the impact on income from the adjustments to operating revenues and expenses.	\$ 80,124

# Piedmont Natural Gas Company, Inc. South Carolina Operations Accounting and Pro Forma Adjustments For The Twelve Months Ended March 31, 2014

Line <u>No.</u>		
14	Federal Income Taxes	
	To increase federal income taxes (rate of 35%) to reflect the impact on income from the adjustments to operating revenues, expenses and state income taxes.	\$ 532,828
15	<u>Customer Growth</u> To increase net operating income to reflect anticipated customer growth (rate of .72%) following the adjustments to operating revenues and expenses.	\$ 7,125
16	Operating Revenues - Sale and Transportation of Gas To decrease revenue requirement for the sale and transportation of gas associated with the demand cost under-recovery.	\$ (4,234,915)
17	Cost of Gas To decrease cost of gas for the demand cost under-recovery.	\$ (4,204,335)
18	Operations and Maintenance Expenses To decrease the provision for uncollectible accounts (rate of .20266%) following the adjustment to operating revenues.	\$ (8,582)
19	General Taxes To adjust franchise taxes (rate of .3%) and gross receipts tax (rate of .219435%) for the adjustment to revenue for demand cost under-recovery.	\$ (21,998)

#### PRO FORMA REVENUE CALCULATIONS

(dekatherms) Rate Schedule	Test Period Actual (1)	Normalized Adjustment (2)	Conservation Adjustment (3)	Proforma Dekatherms (4)	Proforma Bills (5)	Current Margin Rate (6)	Current Demand Rate (7)	Current Commodity Rate (8)	Total Current Rates (9)	Total Proforma Revenue (10)
Residential Service - Value 201										
Bills - Winter	206,747				206,747	\$10.00			\$10.00	\$2,067,470
Bills - Summer	273,025				273,025	\$8.00			\$8.00	\$2,184,200
DTs - Winter	2,452,056	(115,795)	(40,885)	2,295,376		\$3.7840	\$0.7984	\$4.0708	\$8.6532	\$19,862,351
DTs - Summer	888,915	(89,207)	(13,995)	785,713		\$3.3441	\$0.7999	\$4.0708	\$8.2148	\$6,454,476
Residential Service - Standard 221										
Bills - Winter	405,708				405,708	\$10.00			\$10.00	\$4,057,080
Bills - Summer	569,970				569,970	\$8.00			\$8.00	\$4,559,760
DTs - Winter	3,674,533	(195, 281)	(60,887)	3,418,365		\$3.7840	\$2.1826	\$4.0708	\$10.0374	\$34,311,498
DTs - Summer	989,381	(163,098)	(14,460)	811,823		\$3.3441	\$2.5303	\$4.0708	\$9.9452	\$8,073,743
	TOTAL RESIDEN	TIAL								
Bills DTs	1,455,450 8,004,885	(563,381)	(130,226)	7,311,278	1,455,450					
										\$81,570,578
Small General Service - Standard 202 Bills	120,442				120,442	\$22.00			\$22.00	\$2,649,724
		(86,477)	(31,727)	1,781,247	120,442	\$3.0868	\$2.0677	\$4.0708	\$9.2253	\$16,432,538
DTs - Winter DTs - Summer	1,899,451 451,321	(108,932)	(5,992)	336,397		\$2.9764	\$1.8991	\$4.0708	\$8.9463	\$3,009,510
Small General Service - Value 232										
Bills	47,144				47,144	\$22.00			\$22.00	\$1,037,168
First 200	1,078,410	(12,783)	(18,648)	1,046,979		\$3.0868	\$1.6374	\$4.0708	\$8.7950	\$9,208,176
Over 200	303,698	(3,600)	(5,252)	294,846		\$3.0868	\$1.4360	\$4.0708	\$8.5936	\$2,533,791
DTs - Winter	1,382,108	(16,383)	(23,900)	1,341,825						
First 200	1,100,908	(33,133)	(18,686)	1,049,089		\$2.9764	\$1.0365	\$4.0708	\$8.0837	\$8,480,520
Over 200	149,144	(4,489)	(2,531)	142,124		\$2.9764	\$0.8485	\$4.0708	\$7.8957	\$1,122,165
DTs - Summer	1,250,052	(37,622)	(21,218)	1,191,212						
Medium General Service - Standard 2	252 138				138	\$75.00			\$75.00	\$10,350
Bills	85,108	(5,035)	(1,401)	78,672	130	\$3.0868	\$1,5635	\$4,0708	\$8.7211	\$686,104
DTs - Winter DTs - Summer	27,320	(4,617)	(397)	22,306		\$2.9764	\$1.3704	\$4.0708	\$8.4176	\$187,760
Medium General Service - Value 262										
Bills	769				769	\$75.00			\$75.00	\$57,675
First 500	155,903	(3,696)	(2,664)	149,543		\$3.0868	\$1.0686	\$4.0708	\$8.2262	\$1,230,174
Over 500	209,498	(4,966)	(3,579)	200,953		\$3.0868	\$0.8341	\$4.0708	\$7.9917	\$1,605,954
DTs - Winter	365,401	(8,662)	(6,243)	350,496						
First 500	207,008	(1,328)	(3,599)	202,081		\$2.9764	\$0.4913		\$7.5385	\$1,523,385
Over 500	167,362	(1.073)	(2,910)	163,379		\$2.9764	\$0,3157	\$4.0708	\$7.3629	\$1,202,943
DTs - Summer	374,370	(2,401)	(6,509)	365,460						
Small General Service - Motor Fuel 2					19	\$22.00			\$22.00	\$418
Bills DTs Winter	19	0	0	6,174	19	\$2,4961	\$1.6929	\$4,0708	\$8.2598	\$50,996
DTs - Winter DTs - Summer	6,174 7,880	0	0	7,880		\$2.4961	\$2.3063		\$8.8732	\$69,921
Winter Rate per GGE*	7,000	U	U	7,000		<b>₩</b> .,700	<b>42.000</b>	4	\$1.04073	444,5%
Summer Rate per GGE*									\$1.11802	
	TOTAL COMMER	CIAL								
Bills	168,512				168,512					
DTs	5,849,185	(270, 129)	(97,388)	5,481,668						

#### PRO FORMA REVENUE CALCULATIONS

(dekatherms) Rate Schedule	Test Period Actual (1)	Normalized Adjustment (2)	Conservation Adjustment (3)	Proforma Dekatherms (4)	Proforma Bills (5)	Current Margin Rate (6)	Current Demand Rate (7)	Current Commodity Rate (8)	Total Current Rates (9)	Total Proforma Revenue (10)
		<u> </u>	(-)		X-7					
Large General Service - Sales 203	167				167	\$250.00			\$250.00	\$41,750
Bills Demand DTs	25,630	0	0		25,630	\$5.0000	\$12.9812	\$0.0000	\$17.9812	\$460,858
Demand D13	20,000	v	-		,	•				
First 1,500	97,443	0	0	97,443		\$1.8569	\$1.0149	\$4.0708	\$6.9426	\$676,508
Next 1,500	62,533	0	0	62,533		\$1.2998	\$0.8238	\$4.0708	\$6.1944	\$387,354
Next 7,500	22,155	0	0	22,155		\$0.9285	\$0.9847	\$4.0708	\$5.9840	\$132,576
Next 16,500	0	0	0	0		\$0.5571	\$0.2818	\$4.0708	\$4.9097	\$0 \$0
Next 33,000	0	0	0	0		\$0.1857	\$0.1000	\$4.0708	\$4.3565 \$4.0708	\$0
Over 60,000	0	0	0	<u>0</u> 182,131		\$0.0000	\$0.0000	\$4.0708	\$4.0700	Ψ
DTs - Winter	182,131	0	U	102,131						
First 1,500	130,100	0	0	130,100		\$1.1141	\$0.7242	\$4.0708	\$5.9091	\$768,774
Next 1,500	61,848	0	0	61,848		\$0.7428	\$0.5836	\$4.0708	\$5.3972	\$333,806
Next 7,500	19,544	0	0	19,544		\$0.5571	\$0.8577	\$4,0708	\$5.4856	\$107,211
Next 16,500	0	0	0	0		\$0.3714	\$0.2818	\$4.0708	\$4.7240	\$0
Next 33,000	0	0	Q	0		\$0.1857	\$0.0500	\$4.0708	\$4.3065	\$0
Over 60,000	<u>0</u>	<u>Q</u>	<u>0</u>	<u>0</u>		\$0.0000	\$0.0000	\$4.0708	\$4.0708	\$0
DTs - Summer	211,492	0	0	211,492						
Large General Service - Transportation	n 213									
Bills	493				493	\$250.00			\$250.00	\$123,250
Demand DTs	86,629				86,629	\$5.0000	\$0.9651	\$0.0000	\$5.9651	\$516,751
Standby DTs					O	\$0.0000	\$12.0161	\$0.0000	\$12.0161	\$0
First 1,500	289,209	0	0	289,209		\$1.8569	\$0.5827	\$0.0708	\$2.5104	\$726,030
Next 1,500	222,655	0	0	222,655		\$1.2998	\$0.4647	\$0.0708	\$1.8353	\$408,639
Next 7,500	215,921	0	0	215,921		\$0.9285	\$0.3739	\$0.0708 \$0.0708	\$1.3732 \$0.9091	\$296,503 \$3,618
Next 16,500	3,980	0	0	3,980		\$0.5571	\$0.2812 \$0.1025	\$0.0708	\$0.3590	\$0
Next 33,000	0	0	0	0		\$0.1857 \$0.0000	\$0.0000	\$0.0708	\$0.0708	\$0
Over 60,000	724 765	0	0	<u>0</u> 731,765		\$0.0000	φ0.0000	\$0.0700	Ψ0.0700	40
DTs - Winter	731,765	U	U	731,703						
First 1,500	390,339	0	0	390,339		\$1.1141	\$0.6406	\$0.0708	\$1.8255	\$712,564
Next 1,500	212,996	0	0	212,996		\$0.7428	\$0.5235	\$0.0708	\$1.3371	\$284,797
Next 7,500	169,689	0	0	169,689		\$0.5571	\$0.4523	\$0.0708	\$1.0802	\$183,298
Next 16,500	0	0	0	0		\$0.3714	\$0.3115	\$0.0708	\$0.7537	\$0
Next 33,000	0	0	0	0		\$0.1857	\$0.0500	\$0.0708	\$0.3065	\$0
Over 60,000	<u>0</u>	0	0	<u>0</u>		\$0.0000	\$0.0000	\$0.0708	\$0.0708	\$0
DTs - Summer	773,024	0	0	773,024						
Interruptible Service - Sales 204										
Bills	145				145	\$250.00			\$250.00	\$36,250
First 1,500	77,833	0	0	77,833		\$1.8569	\$2.2417	\$4.0708	\$8.1694	\$635,849
Next 1,500	47,729	0	0	47,729		\$1.2998	\$2,1511	\$4.0708	\$7.5217 \$6.9392	\$359,003 \$551,021
Next 7,500	79,407	0	0	79,407		\$0.9285	\$1.9399 \$1.9517	\$4.0708 \$4.0708	\$6.5796	\$518,229
Next 16,500	78,763	0	0	78,763 3,058		\$0.5571 \$0.1857	\$1.3859	\$4.0708	\$5.6424	\$17,254
Next 33,000	3,058	0	0	3,056		\$0.0000	\$0.4000	\$4.0708	\$4.4708	\$0
Over 60,000	000 700	0	0	286,790		\$0.Q000	\$0.4000	ψ4.070b	ψ4.4700	Ψυ
DTs - Winter	286,790	U	U	∠00,790						
First 1,500	103,627	0	0	103,627		\$1.1141	\$1.0057	\$4.0708	\$6.1906	\$641,513
Next 1,500	73,622	0	0	73,622		\$0.7428	\$0.8725	\$4.0708	\$5.6861	\$418,622
Next 7,500	101,909	0		101,909		\$0.5571	\$0.8209	\$4.0708	\$5.4488	\$555,282
Next 16,500	70,720	0		70,720		\$0.3714	\$0.6867	\$4.0708	\$5.1289	\$362,716
Next 33,000	0	0		0		\$0.1857	\$0.4133	\$4.0708	\$4.6698	\$0
Over 60,000	<u>0</u>	Q		<u>0</u>		\$0.0000	\$0.1000	\$4.0708	\$4.1708	\$0
DTs - Summer	349,878	0	0	349,878						

#### PRO FORMA REVENUE CALCULATIONS

(dekatherms) Rate Schedule	Test Period Actual (1)	Normalized Adjustment (2)	Conservation Adjustment (3)	Proforma Dekatherms (4)	Proforma Bills (5)	Current Margin Rate (6)	Current Demand Rate (7)	Current Commodity Rate (8)	Total Current Rates (9)	Total Proforma Revenue (10)
nterruptible Service - Transportation 21	4									
Bills	595				595	\$250.00			\$250.00	\$148,750
First 1,500	356,403	0	0	356,403		\$1.8569	\$0.5722	\$0.0708	\$2.4999	\$890,972
Next 1,500	321,205	0	0	321,205		\$1.2998	\$0.4504	\$0.0708	\$1.8210	\$584,914
Next 7,500	793,731	0	0	793,731		\$0.9285	\$0.3279	\$0.0708	\$1.3272	\$1,053,440
Next 16,500	443,908	0	0	443,908		\$0.5571	\$0.2114	\$0.0708	\$0.8393	\$372,572
Next 33,000	35,027	0	0	35,027		\$0.1857	\$0.1141	\$0.0708	\$0.3706	\$12,981
Over 60,000	<u>0</u>	<u>o</u>	<u>o</u>	<u>0</u>		\$0.0000	\$0.0000	\$0.0708	\$0.0708	\$0
DTs - Winter	1,950,274	0	0	1,950,274						
First 1,500	514,823	0	0	514,823		\$1.1141	\$0.6295	\$0.0708	\$1.8144	\$934,095
Next 1,500	420,177	0	0	420,177		\$0.7428	\$0,4946	\$0.0708	\$1.3082	\$549,676
Next 7,500	910,725	0	0	910,725		\$0.5571	\$0.3623	\$0.0708	\$0.9902	\$901,800
Next 16,500	424,248	0	0	424,248		\$0.3714	\$0.3125	\$0.0708	\$0.7547	\$320,180
Next 33,000	0	0	0	0		\$0.1857	\$0.2516	\$0.0708	\$0.5081	\$0
Over 60,000	0	<u>0</u>	0	<u>0</u>		\$0.0000	\$0.0000	\$0.0708	\$0.0708	\$0
DTs - Summer	2,269,973	0	0	2,269,973						
Te	OTAL INDUSTR	IAL								
Bills	1,400				1,400					
Demand	112,259				112,259					
DTs	6,755,327	0	0	6,755,327						\$16,029,406
										, ,
Outdoor Gaslight Service - Rate 205		_				045.00			045.00	<b>6540</b>
Fixtures	36	0	0	36		\$15.00			\$15.00	\$540
DTs - Winter	16	0	0	16						
DTs - Summer	22	0	0	22						
Annual Revenues From Special Contrac	ets									2,152,785
Ī	OTAL ALL RATE	E SCHEDULES								
TOTAL BILLS	1,625,362				1,625,362					
TOTAL WINTER DTs	13,015,807	(427,633)	(165,043)	12,423,131						
TOTAL SUMMER DTS	7,593,628	(405,877)	(62,571)	7,125,180						
ANNUAL TOTAL DTs	20,609,435	(833,510)	(227,614)	19,548,311					REVENUE S	150,852,581
TOTAL SALES DTs	14,884,399	(833,510)	(227,614)	13,823,275						
TOTAL TRANSPORTATION DTs	5,725,036	<u>o</u>	<u>0</u>	5,725,036						

<sup>\*</sup> The rates convert 1.26 therms to 1 GGE.

#### PROPOSED REVENUE CALCULATIONS

Rate Schedule	Period Actual (1)	Adjustment (2)	Conservation Adjustment (3)	Proforma Dekatherms (4)	Proforma Bills (5)		Margin Rate (6)	Demand Rate (7)	Commodity Rate (8)	Propi Rai	les	Proforma Revenue (10)
Residential Service - Value 20	11											
Bills - Winter	206,747				206,747	\$	10.00			\$	10.00	\$2,067,470
Bills - Summer	273,025				273,025	\$	8.00			\$	8.00	\$2,184,200
DTs - Winter	2,452,056	(115,795)	(40,885)	2.295.376			\$3.9312	\$0.9596	\$4.0708	\$8	.9616	\$20,570,245
DTs - Summer	888,915	(89,207)	(13,995)	785,713			\$3.4742	\$0.9566	\$4.0708	\$8	.5016	\$6,679,819
Residential Service - Standar	d 221											
Bills - Winter	405,708				405,708	\$	10.00			\$	10.00	\$4,057,080
Bills - Summer	569,970				569,970	\$	8.00			\$	8.00	\$4,559,760
DTs - Winter	3,674,533	(195,281)	(60,887)	3,418,365			\$3.9312	\$1.6382	\$4.0708	\$9	.6402	\$32,953,723
DTs - Summer	989,381	(163,098)	(14,460)	811,823			\$3.4742	\$1.8113	\$4.0708	\$9	.3563	\$7,595,660
<u>TO</u> '	TAL RESIDEN	ITIAL										
Bills	1,455,450				1,455,450							
DTs	8,004,885	(563,381)	(130,226)	7,311,278	.,,							ADD CC7 057
					-							\$80,667,957
Small General Service - Stand Bills	dard 202 120,442				120,442	\$	22.00			\$	22.00	\$2,649,724
DTs - Winter	1,899,451	(86,477)	(31,727)	1,781,247	120,442	Ψ	\$3,1913	\$1.5602	\$4.0708		.8223	\$15,714,695
DTs - Summer	451,321	(108,932)	(5,992)	336,397			\$3.0771	\$1.4833	\$4.0708		.6312	\$2,903,511
Small General Service - Value	232											
Bills	47,144				47,144	\$	22.00			\$	22.00	\$1,037,168
First 200	1,078,410	(12,783)	(18,648)	1,046,979			\$3.1913	\$1.3557	\$4.0708	\$8	.6178	\$9,022,652
Over 200	303,698	(3,600)	(5,252)	294,846			\$3.1913	\$1.2783	\$4.0708	\$8	.5404	\$2,518,105
DTs - Winter	1,382,108	(16,383)	(23,900)	1,341,825								
First 200	1,100,908	(33, 133)	(18,686)	1,049,089			\$3.0771	\$1.0679	\$4.0708		.2158	\$8,619,105
Over 200	149,144	(4,489)	(2,531)	142,124			\$3.0771	\$0.9811	\$4.0708	\$8	.1290	\$1,155,322
DTs - Summer	1,250,052	(37,622)	(21,218)	1,191,212								
Medium General Service - Sta												
Bills	138				138	\$	75.00				75.00	\$10,350
DTs - Winter	85,108	(5,035)	(1,401)	78,672			\$3.1913	\$0.9956	\$4.0708		.2577	\$649,647
DTs - Summer	27,320	(4,617)	(397)	22,306			\$3.0771	\$0.9310	\$4.0708	\$8	.0789	\$180,205
Medium General Service - Va												
Bills	769		(= == :	4 10 5 1-	769	\$	75.00	00 7000	64 6700		75.00	\$57,675
First 500	155,903	(3,696)	(2,664)	149,543			\$3.1913	\$0.7520	\$4.0708		.0141	\$1,198,456
Over 500	209,498	(4,966)	(3,579)	200,953			\$3.1913	\$0.6524	\$4.0708	\$ /	.9145	\$1,590,440
DTs - Winter	365,401	(8,662)	(6,243)	350,496								
First 500	207,008	(1,328)	(3,599)	202,081			\$3.0771	\$0.4952	\$4.0708		.6431	\$1,544,522
Over 500 DTs - Summer	167,362 374,370	(1,073) (2,401)	(2,910) (6,509)	163,379 365,460			\$3.0771	\$0.4150	\$4.0708	\$7	.5629	\$1,235,619
		(2,401)	(0,509)	303,400	*							
Small General Service - Moto Bills	r Fuel 242 19				19	2	22.00			\$	22.00	\$418
DTs - Winter	6,174	0	0	6,174	19	Ψ	\$2.5806	\$1.6190	\$4.0708		3.2704	\$51,061
DTs - Vvinter DTs - Summer	7,880	0	0	7,880			\$2.5806	\$2,1905	\$4.0708		3.8419	\$69,674
Winter Rate per GGE*	1,000	Ü	0	7,000			72.5005	<b>4</b> 2.1000	÷ 1.07 00		04207	400,07
Summer Rate per GGE*											11408	
<u>10</u>	TAL COMMER	RCIAL										
Bills	168,512				168,512							
DTs	5,849,185	(270,129)	(97,388)	5,481,668	,- 12							\$50,208,349

#### PROPOSED REVENUE CALCULATIONS

(dekalherms) Rate Schedule	Test Period Actual (1)	Normalized Adjustment (2)	Conservation Adjustment (3)	Proforma Dekatherms (4)	Proforma Bills (5)		roposed Margin Rate (6)	Proposed Demand Rate (7)	Proposed Commodity Rate (8)	Total Proposed Rates (9)	Total Proforma Revenue (10)
Large General Service - Sal					167	\$	250.00			\$ 250.00	\$41,750
Bills Demand DTs	167 25,630	0	0		25,630	Φ	\$5,0000	\$12.9812	\$0.0000	\$17.9812	\$460,858
Demand D1s	25,000	U	Ū		25,000		0.0000	V12.0012	40.0000	V11.0012	\$ 100,E02
First 1,500	97,443	0	0	97,443			\$1.8569	\$0.6779	\$4.0708	\$6.6056	\$643,669
Next 1,500	62,533	0	0	62,533			\$1.2998	\$0.5685	\$4.0708	\$5.9391	\$371,390
Next 7,500	22,155	0	0	22,155			\$0.9285	\$0.4495	\$4.0708	\$5.4488	\$120,718
Next 16,500	0	0	0	0			\$0.5571	\$0.2818	\$4.0708	\$4.9097	\$0
Next 33,000	0	0	0	0			\$0.1857	\$0.1000	\$4.0708	\$4,3565	\$0
Over 60,000	<u>0</u>	<u>o</u>	<u>o</u>	<u>Q</u>			\$0,0000	\$0.0000	\$4.0708	\$4.0708	\$0
DTs - Winter	182,131	0	0	182,131							
First 1,500	130,100	0	0	130,100			\$1.1141	\$0.5805	\$4.0708	\$5.7654	\$750,079
Next 1,500	61,848	0	0	61,848			\$0.7428	\$0.4730	\$4.0708	\$5.2866	\$326,966
Next 7,500	19,544	0	0	19,544			\$0.5571	\$0.6710	\$4.0708	\$5.2989	\$103,562
Next 16,500	0	0	0	0			\$0.3714	\$0.2818	\$4.0708	\$4.7240	\$0
Next 33,000	0	0	0	0			\$0.1857	\$0.0500	\$4.0708	\$4.3065	\$0
Over 60,000	<u>o</u>	<u>Q</u>	0	0			\$0.0000	\$0.0000	\$4.0708	\$4.0708	\$0
DTs - Summer	211,492	0	0	211,492							
Large General Service - Tra	nsportation 213	3									
Bills	493				493	\$	250.00			\$ 250.00	\$123,250
Demand DTs	86,629				86,629		\$5.0000	\$0.9651	\$0.0000	\$5.9651	\$516,751
Standby DTs					0		\$0.0000	\$12.0161	\$0.0000	\$12.0161	\$0
First 1,500	289,209	0	0	289,209			\$1.8569	\$0.5117	\$0.0708	\$2.4394	\$705,496
Next 1,500	222,655	0	0	222,655			\$1.2998	\$0.4135	\$0.0708	\$1.7841	\$397,239
Next 7,500	215,921	0	0	215,921			\$0.9285	\$0.3274	\$0.0708	\$1.3267	\$286,462
Next 16,500	3,980	0	0	3,980			\$0.5571	(\$0.4064)	\$0.0708	\$0.2215	\$882
Next 33,000	0	0	0	0			\$0.1857	\$0.1025	\$0.0708	\$0.3590	\$0
Over 60,000	<u>0</u>	0	<u>0</u>	0			\$0.0000	\$0.0000	\$0.0708	\$0.0708	\$0
DTs - Winter	731,765	0	0	731,765							
First 1,500	390,339	0	0	390,339			\$1.1141	\$0.5203	\$0.0708	\$1.7052	\$665,606
Next 1,500	212,996	0	0	212,996			\$0.7428	\$0.4079	\$0.0708	\$1.2215	\$260,175
Next 7,500	169,689	0	0	169,689			\$0.5571	\$0.3260	\$0.0708	\$0.9539	\$161,866
Next 16,500	0	0	0	0			\$0.3714	\$0.3115	\$0.0708	\$0.7537	\$0
Next 33,000	0	0	0	0			\$0.1857	\$0.0500	\$0.0708	\$0.3065	\$0
Over 60,000	<u>o</u>	<u>o</u>	0	<u>0</u>			\$0.0000	\$0,0000	\$0.0708	\$0.0708	\$0
DTs - Summer	773,024	0	0	773,024							
Interruptible Service - Sales	s 204										
Bills	145				145	\$	250.00			\$ 250.00	\$36,250
First 1,500	77,833	0	0	77,833			\$1.8569	\$0.9936	\$4.0708	\$6.9213	\$538,706
Next 1,500	47,729	0	0	47,729			\$1.2998	\$0.7655	\$4.0708	\$6.1361	\$292,870
Next 7,500	79,407	0	0	79,407			\$0.9285	\$0.7567	\$4.0708	\$5.7560	\$457,067
Next 16,500	78,763	0	0	78,763			\$0.5571	\$1.6622	\$4.0708	\$6.2901	\$495,427
Next 33,000	3,058	0	0	3,058			\$0.1857	\$0.4910	\$4.0708	\$4.7475	\$14,518
Over 60,000	<u>0</u>	<u>o</u>	<u>0</u>	<u>Q</u>			\$0.0000	\$0.4000	\$4.0708	\$4.4708	\$0
DTs - Winter	286,790	0	0	286,790							
First 1,500	103,627	0	0	103,627			\$1.1141	\$0.5436	\$4.0708	\$5.7285	\$593,627
Next 1,500	73,622	0	0	73,622			\$0.7428	\$0.4884	\$4.0708	\$5.3020	\$390,344
Next 7,500	101,909	0	0	101,909			\$0.5571	\$0.4494	\$4.0708	\$5.0773	\$517,423
Next 16,500	70,720	0	0	70,720			\$0.3714	\$0.5771	\$4.0708	\$5.0193	\$354,965
Next 33,000	0	0	0	0			\$0.1857	\$0.4133	\$4.0708	\$4.6698	\$0
Over 60,000	<u>o</u>	0	0	<u>0</u>			\$0.0000	\$0.1000	\$4.0708	\$4.1708	\$0
DTs - Summer	349,878	0	0	349,878							

#### PROPOSED REVENUE CALCULATIONS

Bills	(dekatherms)	Test Period Actual (1)	Normalized Adjustment (2)	Conservation Adjustment (3)	Proforma Dekatherms (4)	Proforma Bills (5)		Proposed Margin Rate (6)	Proposed Demand Rate (7)	Proposed Commodity Rate (8)	Pr	Total oposed Rates (9)	Total Proforma Revenue (10)
First 1,500													
Next 1,500						595	\$						
Next 7,500 793,731 0 0 793,731 80,9285 \$0,3086 \$0,0708 \$1,3099 \$1,036,833 Next 16,500 443,908 0 0 443,908 80,557 \$0,1076 \$0,0708 \$0,0831 \$389,375 Next 36,090 35,027 0 0 35,027 \$0,1857 \$0,1076 \$0,0708 \$0,084 \$12,755 Over 80,090 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0													
Next 16,500													
Next 33,000 35,027 0 0 35,027													
Over 60,000													
First 1,500													
First 1,500				<u>0</u>				\$0.0000	\$0.0000	\$0.0708		\$0.0708	\$
Next 1,500	DTs - Winter	1,950,274	0	0	1,950,274								
Next 7,500 910,725 0 0 0 910,725 \$ 0.0 0 910,725 \$ 0.0571 \$ 0.3177 \$ 0.0708 \$ 0.0466 \$ 861,165 Next 16,500 424,248 0 0 0 424,248 \$ 0.0708	First 1,500	514,823			514,823			\$1.1141	\$0,5196	\$0.0708		\$1.7045	\$877,510
Next 16,500	Next 1,500	420,177			420,177			\$0.7428	\$0.4175	\$0.0708		\$1.2311	\$517,286
Next 33,000	Next 7,500	910,725			910,725			\$0.5571	\$0.3177	\$0.0708		\$0.9456	\$861,183
Over 60,000	Next 16,500	424,248	0	0	424,248			\$0.3714	\$0.2953	\$0.0708		\$0.7375	\$312,88
DTs - Summer   2,269,973   0   0   2,269,973	Next 33,000	0	0	0	0			\$0.1857	\$0.2516	\$0.0708		\$0.5081	\$1
DTs - Summer   2,269,973   0   0   2,269,973	Over 60,000	Q	0	<u>Q</u>	0			\$0.0000	\$0.0000	\$0.0708		\$0.0708	\$1
Bills 1,400 1,400 Demand 112,259 DTs 6,755,327 0 0 0 6,755,327  Coutdoor Gaslight Service - Rate 205 Fixtures 36 0 0 36 \$ 15.00 \$ 15.00 \$ 540 DTs - Winter 16 0 0 0 16 DTs - Summer 22 0 0 0 22  Annual Revenues From Special Contracts \$ 2,152,785  TOTAL ALL RATE SCHEDULES  TOTAL BILLS 1,625,362 1,625,362 1,625,362  TOTAL WINTER DTs 13,015,807 (427,633) (165,043) 12,423,131 TOTAL SUMMER DTS 7,593,628 (405,877) (62,571) 7,125,180 ANNUAL TOTAL DTs 20,609,435 (833,510) (227,614) 19,546,311  TOTAL SALES DTs 14,884,399 (833,510) (227,614) 13,823,275 TRANSPORTATION DTs 5,725,036 0 0 5,725,036	DTs - Summer	2,269,973	0	0	2,269,973								
Demand	Ţ	OTAL INDUSTR	NAL										
DTS 6,755,327 0 0 6,755,327 \$ \$ \$15,202,241 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Bills	1,400				1,400							
\$15,202,241  Outdoor Gaslight Service - Rate 205  Fixtures 36 0 0 36 \$ 15.00 \$ 15.00 \$ 540  DTs - Winter 16 0 0 16  DTs - Summer 22 0 0 0 22  Annual Revenues From Special Contracts \$ 2,152,785  TOTAL ALL RATE SCHEDULES  TOTAL BILLS 1,625,362 1,625,362  TOTAL WINTER DTs 13,015,807 (427,633) (165,043) 12,423,131  TOTAL SUMMER DTs 7,593,628 (405,877) (62,571) 7,125,180  ANNUAL TOTAL DTs 20,609,435 (833,510) (227,614) 19,548,311  TOTAL SALES DTs 14,844,399 (833,510) (227,614) 13,823,275  TRANSPORTATION DTs 5,725,036 0 0 0 5,725,036	Demand	112,259				112,259							
Outdoor Gaslight Service - Rate 205  Fixtures 36 0 0 36 \$ 15.00 \$ 15.00 \$540 DTs - Winter 16 0 0 16 DTs - Summer 22 0 0 0 22  Annual Revenues From Special Contracts \$ 2,152,785  TOTAL ALL RATE SCHEDULES  TOTAL BILLS 1,625,362 1,625,362  TOTAL WINTER DTs 13,015,807 (427,633) (165,043) 12,423,131 TOTAL SUMMER DTs 7,593,628 (405,877) (62,571) 7,125,180 ANNUAL TOTAL DTs 20,609,435 (833,510) (227,614) 19,548,311  TOTAL SALES DTs 14,884,399 (833,510) (227,614) 13,823,275 TRANSPORTATION DTs 5,725,036 0 0 9 5,725,036	DTs	6,755,327	0	0	6,755,327								#4F 00B 04
Fixtures 36 0 0 36 \$ 15.00 \$ 15.00 \$ 540 DTs - Winter 16 0 0 16 DTs - Summer 22 0 0 0 22  Annual Revenues From Special Contracts \$ 2,152,785  TOTAL ALL RATE SCHEDULES  TOTAL BILLS 1,625,362 1,625,362  TOTAL WINTER DTs 13,015,807 (427,633) (165,043) 12,423,131 TOTAL SUMMER DTs 7,593,628 (405,877) (62,571) 7,125,180 ANNUAL TOTAL DTs 20,609,435 (833,510) (227,614) 19,548,311  TOTAL SALES DTs 14,884,399 (833,510) (227,614) 13,823,275 TRANSPORTATION DTs 5,725,036 0 0 0 5,725,036							_						\$15,202,24
DTS - Winter 16 0 0 16 DTS - Summer 22 0 0 0 22  Annual Revenues From Special Contracts \$ 2,152,785  TOTAL ALL RATE SCHEDULES  TOTAL BILLS 1,625,362  TOTAL WINTER DTS 13,015,807 (427,633) (165,043) 12,423,131 TOTAL SUMMER DTS 7,593,628 (405,877) (62,571) 7,125,180 ANNUAL TOTAL DTS 20,609,435 (833,510) (227,614) 19,548,311  TOTAL SALES DTS 14,884,399 (833,510) (227,614) 13,823,275 TRANSPORTATION DTS 5,725,036 0 0 9 5,725,036			0	0	26		¢	45.00			ø	15.00	\$E.41
DTS - Summer 22 0 0 0 22  Annual Revenues From Special Contracts \$ 2,152,785  TOTAL ALL RATE SCHEDULES  TOTAL BILLS 1,625,362 1,625,362  TOTAL WINTER DTs 13,015,807 (427,633) (165,043) 12,423,131  TOTAL SUMMER DTS 7,593,628 (495,877) (62,571) 7,125,180  ANNUAL TOTAL DTS 20,609,435 (833,510) (227,614) 19,548,311  TOTAL SALES DTS 14,884,399 (833,510) (227,614) 13,823,275  TRANSPORTATION DTS 5,725,036 0 0 0 5,725,036							Φ	15.00			Φ	15.00	φ0 <del>4</del> 4
Annual Revenues From Special Contracts \$ 2,152,785  TOTAL ALL RATE SCHEDULES  TOTAL BILLS 1,625,362 1,625,362  TOTAL WINTER DTs 13,015,807 (427,633) (165,043) 12,423,131  TOTAL SUMMER DTs 7,593,628 (405,877) (62,571) 7,125,180  ANNUAL TOTAL DTS 20,609,435 (833,510) (227,614) 19,548,311 REVENUE \$ 148,231,872  TOTAL SALES DTs 14,884,399 (833,510) (227,614) 13,823,275  TRANSPORTATION DTS 5,725,036 0 0 0 5,725,036													
TOTAL ALL RATE SCHEDULES  TOTAL BILLS 1,625,362 1,625,362  TOTAL WINTER DTs 13,015,807 (427,633) (165,043) 12,423,131  TOTAL SUMMER DTS 7,593,628 (405,877) (62,571) 7,125,180  ANNUAL TOTAL DTS 20,609,435 (833,510) (227,614) 19,548,311 REVENUE \$ 148,231,872  TOTAL SALES DTS 14,884,399 (833,510) (227,614) 13,823,275  TRANSPORTATION DTS 5,725,036 0 0 9 5,725,036	Dis - Summer	22	U	U	22								
TOTAL BILLS 1,625,362 1,625,362  TOTAL WINTER DTs 13,015,807 (427,633) (165,043) 12,423,131 TOTAL SUMMER DTS 7,593,628 (405,877) (62,571) 7,125,180 ANNUAL TOTAL DTS 20,609,435 (833,510) (227,614) 19,548,311  TOTAL SALES DTS 14,884,399 (833,510) (227,614) 13,823,275 TRANSPORTATION DTS 5,725,036 0 0 0 5,725,036	Annual Revenues From Spe	cial Contracts					_					\$	2,152,78
TOTAL WINTER DTs 13,015,807 (427,633) (165,043) 12,423,131 TOTAL SUMMER DTs 7,593,628 (405,877) (62,571) 7,125,180 ANNUAL TOTAL DTs 20,609,435 (833,510) (227,614) 19,548,311  TOTAL SALES DTs 14,884,399 (833,510) (227,614) 13,823,275 TRANSPORTATION DTs 5,725,036 0 0 0 5,725,036	I	OTAL ALL RAT	E SCHEDULE	<u>s</u>									
TOTAL SUMMER DTS 7,593,628 (405,877) (62,571) 7,125,180 ANNUAL TOTAL DTS 20,609,435 (833,510) (227,614) 19,548,311 REVENUE \$ 148,231,872  TOTAL SALES DTS 14,884,399 (833,510) (227,614) 13,823,275 TRANSPORTATION DTS 5,725,036 0 0 0 5,725,036	TOTAL BILLS	1,625,362				1,625,362							
TOTAL SUMMER DTS 7,593,628 (405,877) (62,571) 7,125,180 ANNUAL TOTAL DTS 20,609,435 (833,510) (227,614) 19,548,311 REVENUE \$ 148,231,872  TOTAL SALES DTS 14,884,399 (833,510) (227,614) 13,823,275 TRANSPORTATION DTS 5,725,036 0 0 0 5,725,036	TOTAL WINTER DTs	13,015,807	(427,633)	(165,043)	12,423,131								
ANNUAL TOTAL DTs 20,609,435 (833,510) (227,614) 19,548,311 REVENUE \$ 148,231,872  TOTAL SALES DTs 14,884,399 (833,510) (227,614) 13,823,275  TRANSPORTATION DTs 5,725,036 0 0 0 5,725,036													
TRANSPORTATION DTs <u>5.725.036</u> <u>0</u> <u>0</u> <u>5.725.036</u>											R	EVENUE \$	148,231,87
TRANSPORTATION DTs <u>5.725.036</u> <u>0</u> <u>0</u> <u>5.725.036</u>	TOTAL SALES DE	14 884 399	(833 510)	(227 614)	13 823 275								
	ANNUAL TOTAL DTs	20,609,435	(833,510)		19,548,311								

<sup>\*</sup> The rates convert 1.26 therms to 1 GGE.

### **WNA Factors**

_	Base Rate (\$/therms)	Demand (\$/therms)	Commodity (\$/therms)	"R" Value (\$/therms)	Heat Factor (therms/DDD)	Base Factor (therms/mo.)
Residential						
Value Rate - 201	0.89616	0.09596	0.40708	0.39312	0.17858	17.73654
Standard Rate - 221	0.96402	0.16382	0.40708	0.39312	0.15220	4.50452
Commercial						
Rate 202 - Std Rate 232 - Val	0.88223	0.15602	0.40708	0.31913	0.66352	4.83409
First 2,000 therms	0.86178	0.13557	0.40708	0.31913	0.50487	414.59949 414.59949
Over 2,000 therms	0.85404	0.12783	0.40708	0.31913	0.50487	414.59949
Rate 252 - Std	0.82577	0.09956	0.40708	0.31913	25.75640	836.22202
Rate 262 - Val first 5,000 therms over 5,000 therms	0.80141 0.79145	0.07520 0.06524	0.40708 0.40708	0.31913 0.31913	5.99791 5.99791	7915.79564 7915.79564